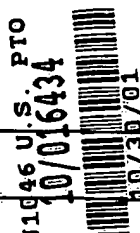


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| FORM PTO-1449 (REV. 7-80) | U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE | ATTY. DOCKET NO. NAK1-AP28c | SERIAL NO. <div style="text-align: center;">  </div> |
| INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary) | | APPLICANT Hidekazu Taniguchi et al. | |
| | | FILING DATE | GROUP |

U.S. PATENT DOCUMENTS

| EXAMINER INITIAL | A | B | C | D | E | F | G | H | I | J | K | DOCUMENT | DATE | NAME | CLASS | SUB- CLASS | FILING DATE IF APPRO- PRIATE |
|---------------------|---|---|---|---|---|---|---|---|---|---|---|---------------|----------|----------------|-------|---------------|---------------------------------------|
| <i>AS</i> ↓ | | | | | | | | | | | | 5 3 7 3 3 2 4 | 12/13/94 | Kuroda et al. | | | |
| | | | | | | | | | | | | 5 4 0 4 3 9 3 | 04/04/95 | Remillard | | | |
| | | | | | | | | | | | | 5 4 1 0 3 2 6 | 04/25/95 | Goldstein | | | |
| | | | | | | | | | | | | 5 9 0 5 4 9 7 | 05/18/99 | Vaughan et al. | | | |
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FOREIGN PATENT DOCUMENTS

| | | DOCUMENT NUMBER | | | | | | | | DATE | COUNTRY | CLASS | SUB-CLASS | TRANS-LATION | |
|--|---|-----------------|----|---|---|---|---|---|----------|-------|---------|-------|-----------|--------------|--|
| | | YES | NO | | | | | | | | | | | | |
| | L | 2 | 1 | 8 | 0 | 4 | 9 | 7 | 07/13/90 | Japan | | | X | | |
| | M | 3 | 1 | 7 | 2 | 0 | 8 | 6 | 07/25/91 | Japan | | | X | | |
| | N | 3 | 2 | 3 | 3 | 6 | 6 | 0 | 10/17/91 | Japan | | | X | | |
| | O | 4 | 1 | 8 | 9 | 0 | 9 | 8 | 07/07/92 | Japan | | | X | | |
| | P | 5 | 3 | 4 | 1 | 9 | 5 | 0 | 12/24/94 | Japan | | | X | | |
| | Q | | | | | | | | | | | | | | |

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

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